

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|---------------------|
| S1 | 16 | (sulphur or sulfur) near5 pellet near5 (H2S or "H. sub.2S" or (hydrogen adj (sulphite or sulfite))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/23 14:48 |
| S2 | 6 | ((("3960585") or ("2003073761")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/05/11 13:45 |
| S3 | 4 | ((("4043717") or ("4081500")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/05/11 14:25 |
| S4 | 1121 | 23/313R.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:28 |
| S5 | 83 | S4 and (sulfur or sulphur) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:26 |
| S6 | 1 | S4 and (sulfur or sulphur) same asphalt | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:28 |
| S7 | 117 | 23/293S.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:28 |
| S8 | 93 | 23/313P.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:28 |
| S9 | 2 | S4 and (sulfur or sulphur) and asphalt | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:29 |
| S10 | 1261 | S4 S7 S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:29 |
| S11 | 189 | S10 and (sulfur or sulphur) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:30 |

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|-----|------|---|--|----|----|---------------------|
| S12 | 1 | S10 and (sulfur or sulphur) same (paving or pavement or asphalt) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:32 |
| S13 | 289 | 427/138.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:33 |
| S14 | 1087 | 126/343.5A.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:34 |
| S15 | 124 | 106/247.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:34 |
| S16 | 1500 | S13 S14 S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:34 |
| S17 | 81 | S16 and (sulfur or sulphur) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:34 |
| S18 | 32 | S16 and (sulfur or sulphur) same (asphalt or paving or pavement) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:40 |
| S19 | 3 | S16 and (sulfur or sulphur) same (asphalt or paving or pavement) same (H ₂ S or "H.sub.2 S" or (hydrogen near sulfide) or (hydrogen near suphide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:36 |
| S20 | 29 | S18 not S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:46 |
| S21 | 1 | (sulfur or sulphur) near10 pellet near10 asphalt | USOCR | OR | ON | 2007/05/11 14:50 |
| S22 | 42 | (sulfur or sulphur) same pellet same asphalt | USOCR | OR | ON | 2007/05/11 14:50 |
| S23 | 7 | (sulfur or sulphur) with pellet same asphalt | USOCR | OR | ON | 2007/05/11 14:55 |
| S24 | 18 | (sulfur or sulphur) with pellet with asphalt | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 14:56 |

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| S25 | 17 | S24 NOT (S21 S22 S23) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 16:42 |
| S26 | 2 | GB-2384240-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 16:43 |
| S27 | 4 | GB-2384240-\$.did. DE- 10058712-\$.did. GB- 1528384-\$.did. EP- 0121377-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 16:49 |
| S28 | 0 | EP-0121377-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 16:44 |
| S29 | 1 | GB-1528384-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 16:44 |
| S30 | 198 | ((hydrogen near (sulfite or sulphite)) or H2S or "H. sub.2 S") with (mix or mixing) with (sulfur or sulphur) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 16:54 |
| S31 | 2 | ((hydrogen near (sulfite or sulphite)) or H2S or "H. sub.2 S") with (mix or mixing) with (sulfur or sulphur) with suppressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 16:53 |
| S32 | 2 | ((hydrogen near (sulfite or sulphite)) or H2S or "H. sub.2 S") with (mix or mixing) with (sulfur or sulphur) with (pellet or briquette or pastille or wafer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 16:53 |
| S33 | 4 | ((hydrogen near (sulfite or sulphite)) or H2S or "H. sub.2 S") with (mix or mixing) with (sulfur or sulphur) same (asphalt or asphalt or paving or pave or pavement) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 17:20 |
| S34 | 2 | ("0427093").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/05/11 17:20 |
| S35 | 2 | ("4276093").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/05/11 17:20 |

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| S36 | 0 | DE-2678653-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 09:25 |
| S37 | 0 | EP-2678653-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 09:25 |
| S38 | 0 | DE-9108175-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 09:25 |
| S39 | 0 | DE-199108175-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 09:25 |
| S40 | 0 | EP-9108175-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 09:25 |
| S41 | 0 | FR-278653-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 09:26 |
| S42 | 2 | FR-2678653-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 10:19 |
| S43 | 4473 | bitumen with (heat or heating or preheated or heated) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 10:20 |
| S44 | 1120 | bitumen with (heat or heating or preheated or heated) with temperature | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 10:21 |
| S45 | 524 | (bitumen with (heat or heating or preheated or heated) with temperature) and asphalt | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 10:21 |
| S46 | 64 | (bitumen with (heat or heating or preheated or heated) with temperature with aggregate) and asphalt | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 10:22 |
| S47 | 51 | (bitumen with (heat or heating or preheated or heated) with temperature with aggregate) same asphalt | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 11:17 |

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|-----|--------|---|--|----|-----|---------------------|
| S48 | 0 | DE-1997536341-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 11:17 |
| S49 | 0 | DE-97536341-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 11:19 |
| S50 | 1 | AU-9715194-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/14 11:19 |
| S51 | 66 | deme.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/18 17:17 |
| S52 | 2 | ("20070125268").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/10/18 17:17 |
| S53 | 2 | S52 and ("H.sub.2 S" or "H2S" or H2S) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/18 17:18 |
| S54 | 2 | S52 and ("H.sub.2 S" or "H2S" or H2S or suppressant) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/18 17:18 |
| S55 | 2 | S52 and (("H.sub.2 S" or "H2S" or H2S or suppressant) near10 amount) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/18 17:24 |
| S56 | 392544 | ("H.sub.2 S" or "H2S" or H2S or (hydrogen near sulfide) or (hydrogen near sulphide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/18 17:34 |
| S57 | 470432 | sulfur or sulphur | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/18 17:26 |
| S58 | 274656 | pellet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/18 17:26 |
| S59 | 898 | S56 same S57 same S58 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/18 17:26 |
| S60 | 94 | S56 with S57 with S58 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/18 17:27 |

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|-----|--------|--|--|----|----|---------------------|
| S61 | 21 | S56 with S57 with S58 with (weight or amount) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/18 17:27 |
| S62 | 36 | S56 with S57 with S58 same (weight or amount) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/18 17:27 |
| S63 | 32 | ("H.sub.2 S" or "H2S" or H2S or (hydrogen near sulfide) or (hydrogen near sulphide)) near5 suppressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/18 17:34 |
| S64 | 4 | S63 with S57 with S58 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/18 17:34 |
| S65 | 470445 | suphur or sulfur | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/19 08:52 |
| S66 | 77233 | (calcium near hydroxide) or (calcium near3 filler) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/19 08:53 |
| S67 | 780152 | (iron near chloride) or (ferric near chloride) or (ferrous near chloride) or (hydrated near ferric near chloride) or (hydrated near ferrous near chloride) or ("FeCl"."<\$7) or (copper near salt) or iodine or amine or (cobalt near salt) or (copper near oxide) or (cobalt near oxide) or (redox near catalyst) or (free near radical near inhibitor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/19 08:57 |
| S68 | 780163 | (iron near chloride) or (ferric near chloride) or (ferrous near chloride) or (hydrated near ferric near chloride) or (hydrated near ferrous near chloride) or ("FeCl"."<\$7) or (copper near salt) or iodine or amine or (cobalt near salt) or (copper near oxide) or (cobalt near oxide) or (redox near catalyst) or (free near radical near inhibitor) or ("H.sub.2 S" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/19 09:29 |

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| | | or "H2S" or H2S) near2 suppressant) | | | | |
| S69 | 142 | S65 with S66 with S68 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/19 09:27 |
| S70 | 147969 | (iron near chloride) or (ferric near chloride) or (ferrous near chloride) or (hydrated near ferric near chloride) or (hydrated near ferrous near chloride) or ("FeCl"\$.7) or (copper near salt) or iodine or (cobalt near salt) or (copper near oxide) or (cobalt near oxide) or (redox near catalyst) or (free near radical near inhibitor) or (("H.sub.2 S" or "H2S" or H2S) near2 suppressant) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/19 09:30 |
| S71 | 22 | S65 with S66 with S70 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/19 09:30 |
| S72 | 27 | ((("6368029") or ("4032469") or ("3979316") or ("3907471") or ("3887130") or ("3504061") or ("3012985") or ("2001261425"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/10/23 14:52 |
| S73 | 1 | GB-1136901-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/23 14:51 |
| S74 | 1 | GB-1001486-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/23 14:49 |
| S75 | 1 | CA-1148726-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/23 14:49 |
| S76 | 30 | S72 S73 S74 S75 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/23 14:49 |
| S77 | 3 | (S73 S74 S75) and (sulphur or sulfur) and pellet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/24 13:11 |

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|-----|------|--|--|----|-----|---------------------|
| S78 | 14 | S72 and (sulphur or sulfur) and pellet\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/23 14:56 |
| S79 | 27 | ("6368029") or ("4032469") or ("3979316") or ("3907471") or ("3887130") or ("3504061") or ("3012985") or ("2001261425")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/10/24 13:11 |
| S80 | 1 | GB-1136901-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/24 13:11 |
| S81 | 1 | GB-1001486-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/24 13:11 |
| S82 | 1 | CA-1148726-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/24 13:11 |
| S83 | 16 | (S79 S80 S81 S82) and (sulphur or sulfur) and pellet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/24 13:12 |
| S84 | 3 | (S79 S80 S81 S82) and (sulphur or sulfur) and pellet and (metal or iron or amin\$5 or cobalt or copper or iodine) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/24 13:15 |
| S85 | 2 | ("6634834").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/10/24 13:58 |
| S86 | 1376 | (sulfur or sulphur) with (metal or iron or copper or cobalt or amine or iodine) same (pellet or parielle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/24 14:00 |
| S87 | 1523 | (sulfur or sulphur) with (metal or iron or copper or cobalt or amine or iodine) same (pellet or pelletized or pelleted or parielle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/24 14:01 |
| S88 | 446 | (sulfur or sulphur) with (metal or iron or copper or cobalt or amine or iodine) with (pellet or pelletized or pelleted or parielle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/24 14:01 |

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| S89 | 162 | (sulfur or sulphur) adj10 (pellet or pelletized or pelleted or parielle) with (metal or iron or copper or cobalt or amine or iodine) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/24 14:08 |
| S90 | 3137 | (sulfur or sulphur) same assay | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/24 14:08 |
| S91 | 29 | (sulfur or sulphur) same assay same pellet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/24 14:08 |
| S92 | 9 | sulfur same (pellet or brisqueette) same suppressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/25 11:32 |
| S93 | 2 | ("20070125268").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/01/25 15:18 |
| S94 | 1 | S93 and substantial | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/25 15:18 |
| S95 | 1 | S93 and homogeneously | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/25 15:20 |
| S96 | 1037 | (sulfur or sulphur) near10 (pellet or parielle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/29 14:43 |
| S97 | 298 | (sulfur or sulphur) near10 (pellet or parielle) same (suppressant or (iodine or amine or copper or iron or cobalt)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/29 14:43 |
| S98 | 110 | (sulfur or sulphur) near10 (pellet or parielle) same (suppressant or ((iodine or amine or copper or iron or cobalt) near5 (salt or oxide))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/29 14:45 |
| S99 | 32401 | reduc\$5 near5 (sulfur or sulphur) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/29 14:59 |
| S100 | 4693 | reduc\$5 near5 (sulfur or sulphur) near5 gas | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/29 14:59 |

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| S101 | 28573 | ("H.sub.2S" or "H.sub.2 S" or (hydrogen near sulfide)) near10 reduc\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/29 15:02 |
| S102 | 5354 | S101 same (sulfur or sulphur) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/29 15:03 |
| S103 | 88 | S101 same (sulfur or sulphur) same (pellet or parielle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/29 15:03 |
| S104 | 30 | S101 same (sulfur or sulphur) with (pellet or parielle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/29 15:13 |
| S105 | 25 | S101 same (sulfur or sulphur) near10 (pellet or parielle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/29 15:13 |
| S106 | 996 | (sulfur or sulphur) near5 (suppress or suppressant or suppressed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/30 07:54 |
| S107 | 11 | (sulfur or sulphur) near5 (suppress or suppressant or suppressed) same (pellet or briquette or pelletized or pelletizing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/30 07:55 |
| S108 | 2 | ("20070125268").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/01/30 08:11 |
| S109 | 1 | S108 and substantial and aggregate and bitumen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/30 08:11 |
| S110 | 6 | ("3738853").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/01/30 08:36 |
| S111 | 1 | AU-9715194-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/30 09:43 |
| S112 | 1 | S111 and mixed and heated and bitumen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/01/30 09:44 |
| S113 | 264 | mixed and heated and bitumen | DERWENT | OR | ON | 2008/01/30 10:58 |

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|------|------|---|--|----|----|---------------------|
| S114 | 1883 | (pellet or tablet or pelletized or tabular) and (sulphur or sulfur) and (suppressant or "H2S-suppressant" or ("H. sub.2S" near suppressant)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/10/02 10:58 |
| S115 | 53 | (pellet or tablet or pelletized or tabular) and (sulphur or sulfur) same (suppressant or "H2S-suppressant" or ("H. sub.2S" near suppressant)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/10/02 10:58 |
| S116 | 53 | (pellet or tablet or pelletized or tabular) and (sulphur or sulfur) same (suppressant or "H2S-suppressant" or ("H. sub.2S" near suppressant)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/10/02 10:58 |
| S117 | 1125 | 23/313R.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/10/02 11:08 |
| S118 | 117 | 23/293S.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/10/02 11:08 |
| S119 | 95 | 23/313P.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/10/02 11:08 |
| S120 | 296 | 427/138.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/10/02 11:08 |
| S121 | 1087 | 126/343.5A.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/10/02 11:08 |
| S122 | 124 | 106/247.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/10/02 11:08 |
| S123 | 2771 | S117 S118 S119 S120 S121 S122 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/10/02 11:08 |

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|------|-----|--|--|----|-----|---------------------|
| S124 | 8 | S123 and (sulphur or sulfur) with (suppressant or (radical near inhibitor) or (redox near catalyst) or iodine or (copper near salt) or (copper near oxide) or (iron near salt) or (iron near oxide) or (cobalt near salt) or (cobalt near oxide)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/10/02 11:10 |
| S125 | 11 | ("4756763") or ("3960585") or ("3738853").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/10/02 13:23 |
| S126 | 6 | S125 and (sulphur or sulfur) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/10/02 13:23 |
| S127 | 955 | (sulfur or sulphur) same (suppressant or (ferric near chloride) or (copper near salt) or (copper near oxide) or (iron near salt) or (iron near oxide) or (cobalt near salt) or (cobalt near oxide) or redox) same (pellet or granule or granulated or pellet\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:03 |
| S128 | 4 | (sulfur or sulphur) same (suppressant or (ferric near chloride) or (copper near salt) or (copper near oxide) or (iron near salt) or (iron near oxide) or (cobalt near salt) or (cobalt near oxide) or redox) same (pellet or granule or granulated or pellet\$4) same bitumen same aggregate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:04 |
| S129 | 9 | (sulfur or sulphur) same (suppressant or (ferric near chloride) or (copper near salt) or (copper near oxide) or (iron near salt) or (iron near oxide) or (cobalt near salt) or (cobalt near oxide) or redox) same (pellet or granule or granulated or pellet\$4) same bitumen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:05 |

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|------|--------|--|--|----|----|---------------------|
| S130 | 596 | (sulfur or sulphur) same (suppressant or (ferric near chloride) or (copper near salt) or (copper near oxide) or (iron near salt) or (iron near oxide) or (cobalt near salt) or (cobalt near oxide) or redox) same pellet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:05 |
| S131 | 90 | (sulfur or sulphur) with (suppressant or (ferric near chloride) or (copper near salt) or (copper near oxide) or (iron near salt) or (iron near oxide) or (cobalt near salt) or (cobalt near oxide) or redox) with pellet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:06 |
| S132 | 7 | suppressant with ferric near chloride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:47 |
| S133 | 1 | suppressant with ferric near chloride with ((hydrogen near sulfide) or "H.sub.2S" or "H2S" or "H.sub.2 S") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:48 |
| S134 | 1 | suppressant with ferric near chloride same ((hydrogen near sulfide) or "H.sub.2S" or "H2S" or "H.sub.2 S") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:48 |
| S135 | 2 | suppressant with ferric near chloride same2 ((hydrogen near sulfide) or "H.sub.2S" or "H2S" or "H.sub.2 S") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:48 |
| S136 | 1 | suppressant with ferric near chloride and (sulfur or sulphur) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:49 |
| S137 | 651115 | "H2S" or "H.sub.2S" or suppressant with ferric near chloride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:50 |
| S138 | 1 | ("H2S" or "H.sub.2S" or "H.sub.2 S") with suppressant with ferric near chloride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:50 |
| S139 | 2 | ("H2S" or "H.sub.2S" or "H.sub.2 S") with suppressant same ferric near chloride | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:50 |

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|------|---------|---|--|----|-----|---------------------|
| S140 | 2 | ("20070125268").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/18 14:52 |
| S141 | 2 | S140 and ferric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:52 |
| S142 | 59734 | (ferric near chloride) or "FeCl.sub.3" or "FeCl3" or (iron near chloride) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:54 |
| S143 | 1 | ((ferric near chloride) or "FeCl.sub.3" or "FeCl3" or (iron near chloride)) with suppressant with (sulfur or sulphur) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:54 |
| S144 | 7 | ((ferric near chloride) or "FeCl.sub.3" or "FeCl3" or (iron near chloride)) with suppressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:54 |
| S145 | 1 | ("FeCl.sub.3" or "FeCl3" or (iron near chloride)) with suppressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:54 |
| S146 | 0 | ("FeCl.sub.3" or "FeCl3") with suppressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:54 |
| S147 | 0 | ("FeCl.sub.3" or "FeCl3") with suppressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:54 |
| S148 | 2 | ("FeCl.sub.3" or "FeCl3") same suppressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 14:55 |
| S149 | 24 | (sulfur or sulphur) near4 particle with water with dispers\$4 with mix\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 15:31 |
| S150 | 1 | S140 and emulsifier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 15:36 |
| S151 | 4511360 | (pavement or paving or bitumen or asphalt).ti. and (sulfur or sulphur) with water with2 mix\$4 with3 emulsif\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 15:41 |

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|------|-------|--|---|----|-----|------------------|
| S152 | 15239 | (pavement or paving or bitumen or asphalt).ti. and ((sulfur or sulphur) with water with2 mix\$4 with3 emulsif\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 15:42 |
| S153 | 8 | (pavement or paving or bitumen or asphalt).ti. and ((sulfur or sulphur) with water same mix\$4 same (emulsifier or emulsifying or emulsified)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 15:42 |
| S154 | 2 | ("4756763").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/18 15:47 |
| S155 | 1 | S154 and water | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 15:47 |
| S156 | 296 | 427/138.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 16:45 |
| S157 | 1089 | 126/343.5A.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 16:45 |
| S158 | 124 | 106/247.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 16:45 |
| S159 | 1509 | S156 S157 S158 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 16:45 |
| S160 | 1 | S159 and (sulfur or sulphur) near5 pellet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/18 16:45 |
| S161 | 4741 | (sulfur or sulphur) near10 (mixing or mixed or mixture) near10 water | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/19 08:25 |
| S162 | 95 | (sulfur or sulphur) near (particle or powder or particulate) near10 (mixing or mixed or mixture) near10 water | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/19 08:25 |
| S163 | 1 | wo-03048255-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 09:54 |

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|------|----|---|--|----|-----|---------------------|
| S164 | 0 | S163 and (sulfur or sulphur) same (size or diameter) and (water or aqueous or hydra\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 09:55 |
| S165 | 0 | S163 and (sulfur or sulphur) near40 (size or diameter) and (water or aqueous or hydra\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 09:55 |
| S166 | 0 | S163 and (sulfur or sulphur) and (size or diameter) and (water or aqueous or hydra\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 09:55 |
| S167 | 0 | S163 and (sulfur or sulphur) and (size or diameter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 09:56 |
| S168 | 1 | S163 and (sulfur or sulphur) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 09:56 |
| S169 | 0 | S163 and (sulfur or sulphur) and (water or aqueous or hydra\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 09:56 |
| S170 | 0 | S163 and (sulfur or sulphur) and mesh | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 09:56 |
| S171 | 0 | S163 and mesh | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 09:57 |
| S172 | 29 | (sulfur or sulphur) near10 (size or diameter or mesh or micron or micrometer) and (asphalt or pavement or paving or contruct\$4). ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 10:12 |
| S173 | 2 | ("6133351").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/20 10:24 |
| S174 | 0 | S173 and (water or aqueous or hydra\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 10:25 |
| S175 | 2 | ("4769288").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/02/20 10:25 |

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|------|------|--|--|----|----|---------------------|
| S176 | 1 | S175 and (water or aqueous or hydra\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 10:26 |
| S177 | 4454 | emuls\$5 and (asphalt or paving or pavement or construction).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 10:51 |
| S178 | 131 | emuls\$5 same sulfur and (asphalt or paving or pavement or construction).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 10:51 |
| S179 | 68 | emuls\$5 with sulfur and (asphalt or paving or pavement or construction).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 10:51 |
| S180 | 849 | emulsifier and (asphalt or paving or pavement or construction).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 10:57 |
| S181 | 1054 | (emulsifier or (emulsifying near agent)) and (asphalt or paving or pavement or construction).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 10:57 |
| S182 | 48 | (emulsifier or (emulsifying near agent)) same sulfur and (asphalt or paving or pavement or construction).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 10:57 |
| S183 | 167 | (emulsifier or (emulsifying near agent)) with (known or conventional or usually or novel or skilled) and (asphalt or paving or pavement or construction).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 11:00 |
| S184 | 8 | (emulsifier or (emulsifying near agent)) with (known or conventional or usually or novel or skilled) same (sulfur or sulphur) and (asphalt or paving or pavement or construction).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 11:01 |
| S185 | 20 | (emulsifier or (emulsifying near agent)) with (known or conventional or usually or novel or skilled) same3 (sulfur or sulphur) and (asphalt or paving or pavement or construction).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/02/20 11:01 |

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|------|-----|--|--|----|-----|---------------------|
| S186 | 9 | (pellet or parielle or pelletized) same (sulfur or sulphur) same suppressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/16 16:14 |
| S187 | 491 | bitumen with (heat or temperature) and aggregate with (heat or temperature) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/16 16:18 |
| S188 | 117 | bitumen with (heat or temperature) and aggregate with (heat or temperature) and (sulfur or sulphur) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/16 16:18 |
| S189 | 2 | EP-1704178-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 09:13 |
| S190 | 1 | ("H.sub.2S" or "H2S" or "H.sub.2 S" or sulfur or sulphur) near3 supressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 09:14 |
| S191 | 0 | ("H.sub.2S" or "H2S" or "H.sub.2 S" or sulfur or sulphur) near supressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 09:15 |
| S192 | 1 | ("H.sub.2S" or "H2S" or "H.sub.2 S" or sulfur or sulphur) near3 supressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 09:15 |
| S193 | 0 | ("H.sub.2S" or "H2S" or "H.sub.2 S" or hydrogen near sulfide or hydrogen near sulphide) near3 supressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 09:19 |
| S194 | 40 | hydrogen near sulfide same suppressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 09:20 |
| S195 | 3 | hydrogen near sulfide same suppressant and (pellet or parielle or pelletized) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 09:21 |
| S196 | 5 | ("3012985").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/22 09:22 |
| S197 | 0 | S193 and (copper or cobalt or zinc or iron or hydroquinone) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 09:22 |

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|------|------|---|--|----|----|---------------------|
| S198 | 0 | S193 and (copper or cobalt or zinc or iron or hydroquinone or Zn or Fe or Co) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 09:23 |
| S199 | 302 | 427/138.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 10:22 |
| S200 | 1090 | 126/343.5A.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 10:22 |
| S201 | 124 | 106/247.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 10:22 |
| S202 | 1516 | S199 S200 S201 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 10:22 |
| S203 | 0 | S202 and (sulfur or sulphur) and ("H.sub.2S" or "H2S" or "H.sub.2 S" or hydrogen near sulfide or hydrogen near sulphide) near3 supressant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/10/22 10:22 |

10/ 22/ 2009 10:31:45 AM

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